

(19)



JAPANESE PATENT OFFICE

## PATENT ABSTRACTS OF JAPAN

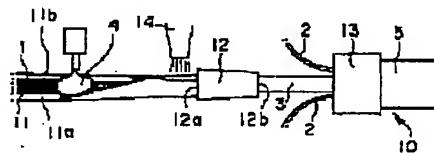
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**G02B 6/44****G02B 6/44****G02B 6/44**(21) Application number: **10078053**(22) Date of filing: **25.03.98**(71) Applicant: **FUJIKURA LTD NIPPON  
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IWATA HIDEYUKI****(54) OPTICAL FIBER AND ITS MANUFACTURE****(57) Abstract:**

**PROBLEM TO BE SOLVED:** To manufacture an optical cable at cost lower than conventional cost and to easily perform connecting operation.

**SOLUTION:** A beltlike material 11 and a coated optical fiber 1 are arranged in parallel. A filler 4 is encapsulated on the beltlike material 11 and coated optical fiber 1 at regular intervals along the length. The beltlike material 11 and coated optical fiber 1 are introduced into a former 12 and the beltlike material 11 is shaped cylindrically to obtain a cylinder body 3 containing the coated optical fiber 1. This cylinder body 3 and a tension member 2 are coated together with a sheath 5.



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